

Converting Colors

YUV(121.1940, -41.5076,
-33.4961)

Have a look what the booklet for
YUV(121.1940, -41.5076, -33.4961)
contains.

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Color

**YUV(121.1940, -41.5076,
-33.4961)**

Conversions

Conversions Part 1

Format	Color
Hex	539D25
RGB	83, 157, 37
RGB Percent	33%, 62%, 15%
CMY	0.6745, 0.3843, 0.8549
CMYK	0.47, 0.00, 0.76, 0.38
HSL	97°, 62%, 38%
HSV	97°, 76%, 62%
XYZ	15.9582, 26.0865, 5.9444
YIQ	121.1940, -5.5840, -53.0080

Conversions

Conversions Part 2

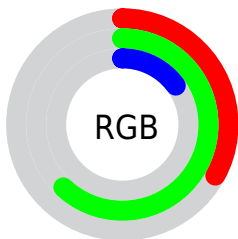
Format	Color
R_{YB}	37, 157, 111
Decimal	5479717
CIE Lab	58.12, -43.64, 51.92
CIE LCh	58, 67.826, 130.049
Yxy	26.0865, 0.3325, 0.5436
Android (android.graphics.Color)	4283669797 (0xFF539D25)
YUV	121.1940, -41.5076, -33.4961
Hunter-Lab	51.0750, -33.6095, 28.8520

Details

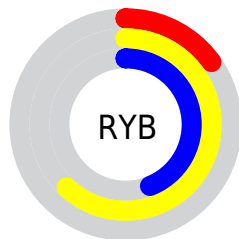
The YUV color **121.1940, -41.5076, -33.4961** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **72.8060, 41.5076, 33.4961**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3790, -42.0918, -32.7814**, and **67.6150, -33.3342, -41.7584** is the 20% darker color. If you saturate the color by 10%, you get **116.3800, -47.0223, -38.0443**, and if you desaturate by 10%, it is **126.0080, -35.9929, -28.9480**.

Distribution



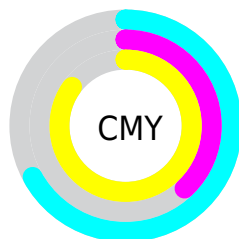
- Red (33%)
- Green (62%)
- Blue (15%)



- Red (15%)
- Yellow (62%)
- Blue (44%)



- Cyan (47%)
- Magenta (0%)
- Yellow (76%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1940, -41.5076, -33.4961 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 121.1940, -41.5076, -33.4961 by changing the saturation by 10% instead.

■ 121.1940,
-41.5076, -33.4961

■ 121.1940,
-41.5076, -33.4961

■ 255.0000, 0.0000,
0.0000

■ 92.4560, -45.5808,
-33.7259

■ 176.3790,
-42.0918, -32.7814

■ 67.6150, -33.3342,
-41.7584

■ 204.7380,
-43.2548, -33.0962

■ 46.9600, -23.1513,
-41.1839

■ 224.7050,
-39.7876, -25.1743

■ 32.8720, -16.2059,
-28.8287

■ 236.5680,
-31.8320, -10.1451

■ 20.5450, -10.1287,
-18.0180

■ 248.4310,
-23.8765, 4.8840

■ 0.0000, 0.0000,
0.0000

■ 252.0360,

-11.3567, 2.5994

■ 121.1940,
-41.5076, -33.4961

■ 121.1940,
-41.5076, -33.4961

■ 116.3800,
-47.0223, -38.0443

■ 126.0080,
-35.9929, -28.9480

■ 111.9790,
-52.2476, -42.0776

■ 130.4090,
-30.7676, -24.9147

■ 110.0990,
-54.2788, -43.9368

■ 135.2230,
-25.2529, -20.3666

■ 140.0370,
-19.7382, -15.8184

■ 144.5520,
-14.0761, -11.8851

■ 149.2520, -8.9982,
-7.2370

■ 154.0660, -3.4835,
-2.6889

■ 158.5810, 2.1786,
1.2445

■ 163.2810, 7.2565,
5.8926

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



128.4920, -63.3466, 17.9855



121.1940, -41.5076, -33.4961



107.3260, -5.0907, -94.1249

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



121.1940, -41.5076, -33.4961



120.7730, 64.2019, -105.9179



132.3620, -5.1085, 98.7835

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



121.1940, -41.5076, -33.4961



72.8060, 41.5076, 33.4961

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



138.5050, 21.4430, 75.8561



121.1940, -41.5076, -33.4961



111.2500, 70.8688, -97.5662

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



121.1940, -41.5076, -33.4961



121.3650, 46.1621, -106.4371



143.1850, 43.2928, 20.8858



133.2550, -33.1567, 88.3534

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



121.1940, -41.5076, -33.4961



113.1740, 12.2392, -99.2536



143.1850, 43.2928, 20.8858



133.1580, 4.3591, 95.4544

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



121.1940, -41.5076, -33.4961



189.9710, -16.2547, -13.1296



116.3180, -39.1038, 35.6781



93.3120, -10.0138, -8.1666



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



121.1940, -41.5076, -33.4961



147.8840, -65.0188, -52.5183



109.0360, -28.6117, -63.1756



76.5930, -2.7573, -2.2741



100.3860, -49.4903, -39.8035



10.5990, -5.2253, -4.0333

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72.8060, 41.5076, 33.4961



72.1160, 65.0188, 52.5183



84.9640, 28.6117, 63.1756



73.4070, 2.7573, 2.2741



42.6140, 49.4903, 39.8035



4.4010, 5.2253, 4.0333

Previews

White Background



This preview shows how the YUV color 121.1940, -41.5076, -33.4961 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 121.1940, -41.5076, -33.4961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 121.1940, -41.5076, -33.4961 Background



This preview shows how black text looks on a background with the YUV color 121.1940, -41.5076, -33.4961.



This preview shows how white text looks on a background with the YUV color 121.1940, -41.5076, -33.4961.

-33.4961.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

121.1940, -41.5076, -33.4961

Protanopia

131.8850, -49.2433, 21.1489

Deuteranopia

134.9820, -42.8821, 34.2188



Tritanopia

134.2120, 11.7275, -28.2499

Trichromacy



Original Color

121.1940, -41.5076, -33.4961

Protanomaly

128.1490, -46.4155, 0.7463

Deuteranomaly

129.9420, -42.3694, 9.6979

Tritanomaly

129.4510, -7.6173, -30.2135

Monochromacy



Original Color

121.1940, -41.5076, -33.4961

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9110, -15.2391, -12.1999

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1940, -41.5076, -33.4961 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(83, 157, 37)` looks like.

```
.text, #text, p{  
    color:rgb(83, 157, 37)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(83, 157, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 157, 37) }
```

Border

The CSS property to change the border of an element to YUV 121.1940, -41.5076, -33.4961 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(83, 157, 37) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(83, 157, 37) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(83, 157, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 157, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 157, 37);  
box-shadow:4px 4px 4px 4px rgb(83, 157,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 121.1940, -41.5076, -33.4961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 157, 37) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(83, 157,  
37) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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